

ABSTRACT

A system and method for providing rapid rerouting of real-time transport protocol (RTP) multi-media flows is disclosed. Generally, a first endpoint is connected to a second endpoint, wherein the first endpoint comprises a transceiver, software stored within the first endpoint defining functions to be performed by the first endpoint, and a processor configured by the software. The processor is configured to perform the steps of, performing flow processing on a data packet received at a first endpoint, from a second endpoint, removing a multi-protocol label switching (MPLS) tag from the data packet, translating a source address and destination address of the data packet, and determining a forwarding destination if more than one destination address of the data packet is provided.